

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 39 | ((("5887668") or ("5887655") or ("5836409") or ("5826651") or ("5803666") or ("5787978") or ("5785132") or ("5717334") or ("5706905") or ("5615747") or ("5575344") or ("5560440") or ("5553679") or ("5546317") or ("5526880") or ("5520255") or ("5477925") or ("5458209") or ("5435400") or ("5402856"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:05 |
| L2 | 207 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L3 | 310 | (166/358,361).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L4 | 305 | (166/277).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L5 | 421 | (175/5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L6 | 660 | (166/344,301).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L7 | 952 | (137/317,318,15.12).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 13:06 |
| L8 | 2796 | L2 L3 L4 L5 L6 L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/09/10 13:06 |
| S1 | 9156 | pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/20 13:38 |
| S2 | 687 | pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well and offshore | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/20 13:43 |
| S3 | 6 | ((("6613982") or ("6454007") or ("5918667"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/20 17:29 |

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| S6 | 116484 | "15"/\$.ccls. "138"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/13 11:18 |
| S7 | 27 | ((("5785132") or ("5717334") or ("5706905") or ("5615747") or ("5575344") or ("5560440") or ("5553679") or ("5546317") or ("5526880") or ("5520255") or ("5477925") or ("5458209") or ("5435400") or ("5402856"))). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/13 11:19 |
| S8 | 181 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/13 11:27 |
| S9 | 2 | ("6688392").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/13 11:28 |
| S10 | 15 | ("4140179" "4457365" "4848475" "4900433" "4982794" "5280766" "5460227" "5474601" "5570744" "5698014" "5765964" "6062313" "6192988" "6230810" "6299672").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 08:02 |
| S11 | 284 | intervening same pipeline and storage | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:03 |
| S12 | 4 | intervening same pipeline and storage and offshore | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:22 |
| S13 | 1564 | pipeline and storage and offshore | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:22 |
| S14 | 777 | pipeline same offshore and storage | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:32 |
| S15 | 24 | pipeline same offshore and storage and coiled adj tubing | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:23 |
| S16 | 7 | ("3239004" "3346045" "3472032" "3642070").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 08:26 |
| S17 | 5 | ("4125162").URPN. | USPAT | OR | OFF | 2007/05/14 08:30 |
| S18 | 67 | pipeline same offshore and storage and (stuck blockage) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 08:42 |
| S19 | 3 | ("4133418").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 08:42 |

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| S20 | 26 | ("3003560" "3239004" "3308880" "3367421" "3396789" "3422895" "3473605" "3525401" "3556209" "3599711" "3608631" "3638722" "3722585" "4133418" "4225160" "4260022" "4277202" "4418756").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 08:54 |
| S21 | 181 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 09:09 |
| S22 | 1270 | (subsea offshore) same pipe \$5 and (repair blockage stuck) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:12 |
| S23 | 444 | (subsea offshore) same pipe \$5 and (blockage stuck) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:12 |
| S24 | 38 | S23 and "405"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:12 |
| S25 | 7 | ("2178720" "3515837" "6049657" "6278095" "6278096").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 09:15 |
| S26 | 13 | ("6371693").URPN. | USPAT | OR | OFF | 2007/05/14 09:16 |
| S27 | 6 | ("6200068").URPN. | USPAT | OR | OFF | 2007/05/14 09:18 |
| S28 | 13 | ("3593728" "3641777" "4203687" "4411459" "4485668" "4649948" "5109562" "5437517" "5593249" "5674323" "5795402" "5814162" "5988188").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 09:19 |
| S29 | 15 | ("2794758" "3494813" "3662045" "4202531" "4360290" "4456401" "4596381" "4773450" "4840352" "4848734" "4867921" "5486332").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 09:58 |
| S30 | 3 | ("6109829").URPN. | USPAT | OR | OFF | 2007/05/14 09:58 |
| S31 | 3 | ("4203687" "4234268" "4832530").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/14 09:59 |
| S32 | 1 | ("5437517").URPN. | USPAT | OR | OFF | 2007/05/14 09:59 |
| S33 | 26295 | vessel and well and intervention | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:27 |
| S34 | 13 | vessel near5 well adj intervention | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:40 |

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| S35 | 2 | (10/192784).APP. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 10:40 |
| S36 | 3 | "10192874" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 10:41 |
| S37 | 3 | "10192784" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 11:02 |
| S38 | 286 | (166/358,361).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 11:02 |
| S39 | 266 | (166/277).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 11:02 |
| S40 | 391 | (175/5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 11:02 |
| S41 | 578 | (166/344,301).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/05/14 11:03 |
| S42 | 7 | ((("6079498") or ("3602302")). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/11/21 23:51 |
| S43 | 33 | ("6079498").URPN. | USPAT | OR | OFF | 2007/11/21 23:53 |
| S44 | 13 | ("3291217" "3608631" "4989671" "5040603" "5199496" "5267616" "5435338" "5437302" "5460277" "5478504" "5636693" "5913637").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/11/21 23:56 |
| S45 | 1946 | (pipeline flowline) and hydrocarbon and tap\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:21 |
| S46 | 1772 | (pipeline flowline) and hydrocarbon and well and tap \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:22 |
| S47 | 313 | (pipeline flowline) and (offshore subsea) and hydrocarbon and well and tap \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:25 |
| S48 | 209 | (pipeline flowline) and (offshore subsea) and hydrocarbon and well and tap \$3 and drill\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:26 |
| S49 | 12 | (pipeline flowline) near5 tap\$3 and (offshore subsea) and hydrocarbon and well and drill \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:29 |

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| S50 | 938 | (137/317,318,15.12).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/06/18 18:46 |
| S51 | 13 | S50 and hydrocarbon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/18 18:47 |
| S52 | 39 | ("2679173" "2800812" "3132622" "3508410" "3578233" "3851492" "4063619" "4076130" "4091514" "4116015" "4155669" "4223925" "4279551" "4436449" "4441328" "4443129" "4450857" "4535822" "4579480" "4579484" "4654590" "4720213" "4784525" "4832530" "4878694" "4880335" "5002441" "5074713" "5439331" "5593249" "5642965" "5755537" "6012878" "RE27745").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/18 19:02 |
| S53 | 3 | ("6648562").URPN. | USPAT | OR | OFF | 2008/06/18 19:37 |
| S54 | 7 | ("0884565" "2840166" "3614252" "4579484" "5439331").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/18 20:08 |
| S55 | 6233 | pipeline and interven\$4 and storage | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/09/01 20:05 |
| S56 | 47 | pipeline and interven\$4 and storage and (offshore subsea) and coiled | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/09/01 20:06 |
| S57 | 15 | ("3469627" "3504740" "3504741" "3855656" "4730677" "4768984" "5226482" "5295546" "5778981" "6102124" "6155748" "6328107").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/01 20:38 |
| S58 | 16 | ("3469627" "3504740" "3504741" "3855656" "4730677" "4768984" "5226482" "5295546" "5390743" "5778981" "6102124" "6155748" "6328107").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/01 20:48 |
| S59 | 1 | ("6536528").URPN. | USPAT | OR | OFF | 2008/09/01 20:49 |
| S60 | 0 | ("6752214").URPN. | USPAT | OR | OFF | 2008/09/01 20:50 |
| S61 | 0 | ("6752214").URPN. | USPAT | OR | OFF | 2008/09/01 20:50 |

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|-----|-------|--|--|----|-----|---------------------|
| S62 | 0 | ("2003/0075335").URPN. | USPAT | OR | OFF | 2008/09/01 20:50 |
| S63 | 12 | (pipeline flowline) near5 tap\$3 and (offshore subsea) and hydrocarbon and well and drill \$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/10 12:33 |
| S64 | 14024 | pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/10 12:33 |
| S65 | 1018 | pipeline and transport\$5 and storage and (divert\$5 separat \$5) and well and offshore | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/09/10 12:33 |
| S66 | 207 | (405/184.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:33 |
| S67 | 310 | (166/358,361).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:37 |
| S68 | 305 | (166/277).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:37 |
| S69 | 421 | (175/5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:37 |
| S70 | 660 | (166/344,301).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:37 |
| S71 | 952 | (137/317,318,15.12).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2009/09/10 12:37 |
| S72 | 2796 | S66 S67 S68 S69 S70 S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/09/10 12:38 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------|------------------|---------|------------------|
| L9 | 21 | ((166/361,277,301) or (405/184.1) or (137/15.12)).CCLS. | UPAD | OR | OFF | 2009/09/10 13:12 |

9/ 10/ 09 1:24:09 PM**C:\ Documents and Settings\ tbeach\ My Documents\ EAST\ workspaces\ 10618093.wsp**